

Title (en)

SYSTEM AND METHOD FOR CONDUCTING ADAPTIVE SEARCH USING A PEER-TO-PEER NETWORK

Title (de)

SYSTEM UND METHODE ZUR ADAPTIVEN SUCHE IN EINEM PEER-TO-PEER NETZWERK

Title (fr)

SYSTEME ET PROCEDE SERVANT A EFFECTUER UNE RECHERCHE ADAPTATIVE AU MOYEN D'UN RESEAU POINT-A-POINT

Publication

**EP 1561174 A1 20050810 (EN)**

Application

**EP 03772278 A 20031016**

Priority

- EP 0312052 W 20031016
- US 29896702 A 20021116

Abstract (en)

[origin: US2004098377A1] A distributed comparison shopping system is based on a decentralized, distributed architecture utilizing a peer-to-peer network. The system creates an active marketplace with real-time price comparisons, with the peer-to-peer nodes coordinating connectivity with other peers and building a dynamic network. Each message includes a fixed component and an adaptive update component. The adaptive update component contains search criteria and search status fields that are selectively modified as the message travels through the peer-peer network. A node that receives a message will interpret the search criteria and apply those criteria to a local search result. The node then either forwards the unmodified or the modified message to other nodes in its neighborhood, or, alternatively, requests an authorization to modify the message prior to rebroadcasting, from the source node.

IPC 1-7

**G06F 17/30**

IPC 8 full level

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Citation (search report)

See references of WO 2004046960A1

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